

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use PRISMASOL and PHOXILLUM safely and effectively.
See full prescribing information for PRISMASOL and PHOXILLUM.

PRISMASOL renal replacement solution
PRISMASOL Initial U.S. Approval: 2006

PHOXILLUM renal replacement solution
PHOXILLUM Initial U.S. Approval: 2015

INDICATIONS AND USAGE

PRISMASOL and PHOXILLUM solutions are indicated:

- As a replacement solution in Continuous Renal Replacement Therapy (CRRT) and in case of drug poisoning when CRRT is used to remove dialyzable substances (1)

DOSAGE AND ADMINISTRATION

- Therapy must be individualized based on the patient's clinical condition, fluid, electrolyte, acid-base and glucose balance (2.2)
- Solution must be mixed prior to use (2.2)
- Use only with extracorporeal dialysis equipment appropriate for CRRT (2.3)

DOSAGE FORMS AND STRENGTHS

PRISMASOL and PHOXILLUM are available in multiple combinations of ingredients and in multiple variations of strengths. See full Prescribing Information for detailed descriptions of each formulation. (2, 3, 11)

CONTRAINDICATIONS

- Known hypersensitivities to PRISMASOL and PHOXILLUM solutions (4)

WARNINGS AND PRECAUTIONS

- Monitor hemodynamic status and fluid inputs and outputs, potassium, phosphorus, other electrolytes and acid-base balance. Abnormalities may be corrected by the use of appropriate formulations and dosage of PRISMASOL and PHOXILLUM solutions (5.1)
- Treatment may affect glucose levels. Monitor blood glucose levels. Antidiabetic therapy adjustment or other corrective measures may be required during treatment (5.2)

To report SUSPECTED ADVERSE REACTIONS, contact Baxter Healthcare Corporation at 1-866-888-2472 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch

Revised: 11/2018

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

PRISMASOL and PHOXILLUM solutions are indicated in pediatric and adult patients for use as a replacement solution in Continuous Renal Replacement Therapy (CRRT) to replace plasma volume removed by ultrafiltration and to correct electrolyte and acid-base imbalances. They may also be used in case of drug poisoning when CRRT is used to remove dialyzable substances.

2 DOSAGE AND ADMINISTRATION

2.1 Administration Instructions

Visually inspect PRISMASOL and PHOXILLUM for particulate matter and discoloration prior to administration.

Administration should only be under the direction of a physician competent in intensive care treatment including CRRT. Use only with extracorporeal dialysis equipment appropriate for CRRT.

The prepared solution is for single patient use only.

Aseptic technique should be used throughout administration to the patient.

Discard any unused solution.

2.2 Dosing Considerations

PRISMASOL replacement solutions contain 4 different combinations of active ingredients (7 different products with varying ingredient amounts). PHOXILLUM replacement solutions contain 2 different combinations of active ingredients (2 different products with varying ingredient amounts). PRISMASOL and PHOXILLUM are supplied in a two-compartment bag that must be mixed immediately prior to use [see *Dosage and Administration* (2.3)]:

- Small compartment A (250 mL) containing an electrolyte solution, and
- Large compartment B (4750 mL) containing the buffer solution.

See **Table 1** for the concentrations of the active ingredients (after mixing) in these 9 different replacement solutions (total volume is 5 Liters).

Table 1: Concentrations of Active Ingredients in the 7 PRISMASOL and 2 PHOXILLUM Replacement Solutions after Mixing

	Ca ²⁺ mEq/L	HCO ₃ ⁻ mEq/L	K ⁺ mEq/L	Mg ²⁺ mEq/L	Na ⁺ mEq/L	HPO ₄ ²⁻ mmol/L	Cl ⁻ mEq/L	Lactate mEq/L	Dextrose mg/dL	Osmolarity mOsm/L
PRISMASOL Replacement Solutions										
BGK0/2.5	2.5	32	0	1.5	140	0	109	3	100	292
BGK4/2.5	2.5	32	4	1.5	140	0	113	3	100	300
BGK2/3.5	3.5	32	2	1	140	0	111.5	3	100	296
BGK2/0	0	32	2	1	140	0	108	3	100	291
B22GK4/0	0	22	4	1.5	140	0	120.5	3	100	296
BGK4/0/1.2	0	32	4	1.2	140	0	110.2	3	100	295
BK0/0/1.2	0	32	0	1.2	140	0	106.2	3	0	282
PHOXILLUM Replacement Solutions										
BK4/2.5	2.5	32	4	1.5	140	1	114.5	0	0	294
B22K4/0	0	22	4	1.5	140	1	122	0	0	290

Ca²⁺ = calcium, HCO₃⁻ = bicarbonate, K⁺ = potassium, Mg²⁺ = magnesium, Na⁺ = sodium, HPO₄²⁻ = phosphate, Cl⁻ = chloride; osmolarity is estimated

The mode of therapy, solute formulation, flow rates, and length of PRISMASOL and PHOXILLUM replacement therapy in CRRT should be established by a physician based on the patient's clinical condition, blood concentration of phosphate and other electrolytes, acid-base and glucose balance. Administer either PRISMASOL or PHOXILLUM into the extracorporeal circuit:

- Before (pre-dilution) the hemofilter or hemodiafilter,
- After (post-dilution) the hemofilter or hemodiafilter, or
- Before and after the hemofilter or hemodiafilter.

2.3 Preparing the Solution

Use only if the overwrap is not damaged, all seals are intact, peel seal is not broken, and the solution is clear.

The solution may be warmed to 37°C/98.6°F prior to removing the overwrap to enhance patient comfort. However, only dry heat should be used. Solutions should not be heated in water or in a microwave oven. After heating, verify that the solution remains clear and contains no particulate matter.

The solutions are supplied in two different two-compartment bags made of polyolefin with a peel seal separating compartment A and B (see **Figure 1**).

Follow the instructions below when connecting the solution bags for correct use of the access ports.

Instructions for preparing solutions supplied in a two-compartment, polyolefin bag with a peel seal:

Figure 1

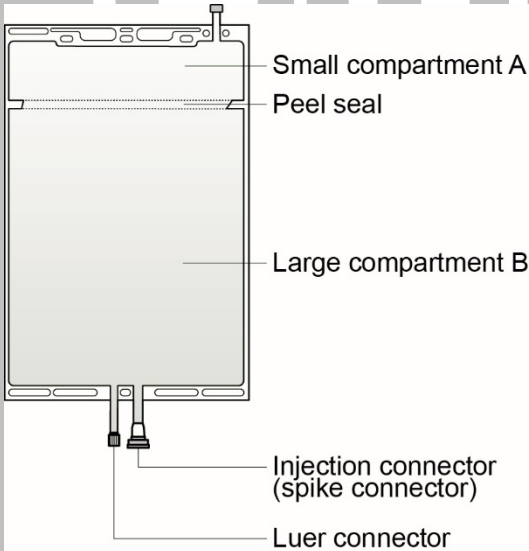
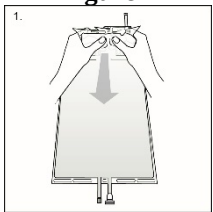
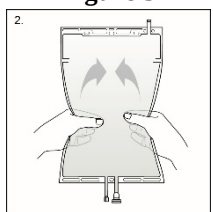
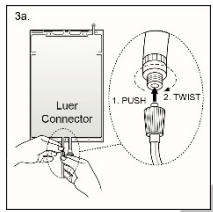
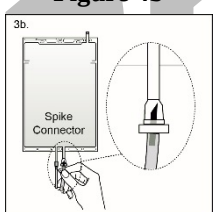


Figure 2 	Step 1 Immediately before use, remove the overwrap from the bag and mix the solutions in the two different compartments. After removing the overwrap, inspect the bag for leakage by pressing firmly on the bag. Discard the bag if any leakage is detected since sterility cannot be assured. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the mixed solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Hold the small compartment with both hands and squeeze it until an opening is created in the peel seal. (See Figure 2 beside)
Figure 3 	Step 2 Squeeze with both hands on the large compartment until the peel seal between the two compartments is entirely open. Shake gently to mix. (See Figure 3 beside) The solution is now ready to use and the bag can be hung on the equipment.
Figure 4a 	Step 3 The replacement line may be connected to the bag through either of the luer connector or the injection connector (spike connector). Step 3a The luer connector is a needle-less and swabbable connector. Remove the cap with a twist and pull motion, and connect the male luer lock on the replacement line to the female luer receptor on the bag. (See Figure 4a beside) Ensure that the connection is fully seated and tighten. The connector is now open. Verify that the fluid is flowing freely during use. When the replacement line is disconnected from the luer connector, the connector will close and the flow of the solution will stop.
Figure 4b 	Step 3b If the injection connector (spike connector) is used, first remove the snap-off cap. Then introduce the replacement line spike through the rubber septum of the bag connector. (See Figure 4b beside) Ensure that the spike is fully inserted and verify that the fluid is flowing freely during use.

2.4 Adding Drugs to the Solutions

After mixing, additional drugs may be added to the bag via injection connector (spike connector) in large compartment B. In general, administer drugs other than phosphate through a different access line.

When introducing drugs, use aseptic techniques and mix thoroughly prior to connecting the solution bag to the extracorporeal circuit.

Do not use if there is a color change and/or the appearance of precipitates, insoluble complexes or crystals after addition of medication.

Phosphate: Up to 1.2 mmol/L of phosphate can be added to the bag as potassium phosphate or sodium phosphate. The total potassium concentration of PRISMASOL solution should not exceed 4 mEq/L. Use sodium phosphate to add phosphate if the total potassium concentration in PRISMASOL solution is 4 mEq/L.

PHOXILLUM Solutions:

Phosphate: Phosphate up to 0.2 mmol/L may be added to the solution. Use sodium phosphate if adding phosphate to bag. The total phosphate concentration should not exceed 1.2 mmol/L.

3 DOSAGE FORMS AND STRENGTHS

See **Table 1** for the concentrations of the active ingredients (after mixing) in these 9 different replacement solutions [see *Dosage and Administration (2.2)*].

4 CONTRAINDICATIONS

PHOXILLUM and PRISMASOL replacement solutions are contraindicated in patients with known hypersensitivities to these products.

5 WARNINGS AND PRECAUTIONS

5.1 Electrolyte and Volume Abnormalities

PHOXILLUM and PRISMASOL solutions can affect electrolytes and volume and may result in hyperkalemia or hyperphosphatemia. Monitor hemodynamic status and fluid inputs and outputs, potassium, phosphorous, calcium, other electrolytes and acid-base balance throughout the procedure. Abnormalities may be corrected by changing the formulation of replacement solution and/or dialysate, supplementation, or adjusting flow rates appropriately [see *Dosage and Administration (2)*].

PHOXILLUM replacement solutions contain hydrogen phosphate, a weak acid that may increase the risk of metabolic acidosis.

5.2 Blood Glucose Abnormalities

The use of PRISMASOL and PHOXILLUM replacement solutions can affect blood glucose levels resulting in hypo- or hyper-glycemia depending upon the dextrose content of the replacement solution. Monitor blood glucose levels regularly. Patients may require initiation of or modification of antidiabetic therapy or other corrective measures during treatment.

6 ADVERSE REACTIONS

The following adverse reactions have been identified during postapproval use with these or other similar products and therefore may occur with use of PHOXILLUM or PRISMASOL. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

- Metabolic acidosis
- Hypotension
- Acid-base disorders
- Electrolyte imbalance including calcium ionized increased (reported in PRISMASOL solutions containing calcium), hyperphosphatemia, and hypophosphatemia
- Fluid imbalance

7 DRUG INTERACTIONS

As with the use of other replacement solutions, blood concentrations of dialyzable drugs may be reduced by CRRT due to their removal by the hemofilter or hemodiafilter. The blood concentrations of certain drugs may need to be monitored and appropriate therapy implemented to correct for removal during treatment.

7.1 Citrate

When used as an anticoagulant, citrate contributes to the overall buffer load and can reduce plasma calcium levels. Select the PRISMASOL/PHOXILLUM formulation(s) accordingly.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

PRISMASOL and PHOXILLUM are pharmacologically inactive solutions. While there are no adequate and well controlled studies in pregnant women, appropriate administration of PRISMASOL and PHOXILLUM solutions with monitoring of fluid, electrolyte, acid-base and glucose balance, is not expected to cause fetal harm. Animal reproduction studies have not been conducted with PRISMASOL and PHOXILLUM solutions.

The estimated background risk of major birth defects and miscarriage for the indicated population are unknown. All pregnancies have a background risk of birth defect, loss or other adverse outcomes. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2 to 4% and 15 to 20%, respectively.

Clinical Considerations

Maintenance of normal acid-base balance is important for fetal well-being.

8.2 Lactation

Risk Summary

The components of PRISMASOL and PHOXILLUM solutions are excreted in human milk. Appropriate administration of PRISMASOL and PHOXILLUM solutions with monitoring of fluid, electrolyte, acid-base and glucose balance, is not expected to harm a nursing infant.

8.4 Pediatric Use

Safety and effectiveness have been established based on published clinical data of CRRT replacement solutions with compositions similar to PRISMASOL and PHOXILLUM used in adults and two hemofiltration studies in pediatric patients, including a study of newborns to 17 years old.

8.5 Geriatric Use

The experience with PRISMASOL and PHOXILLUM solutions in geriatric patients has not identified novel concerns.

11 DESCRIPTION

PRISMASOL and PHOXILLUM solutions are clear, sterile, free of bacterial endotoxins and contain no bacteriostatic or antimicrobial agents. These solutions are used in Continuous Renal Replacement Therapies (CRRT) as a replacement solution in hemofiltration and hemodiafiltration. Depending on the product (see **Table 2**), the two compartments contain:

Calcium chloride, USP, is chemically designated calcium chloride dihydrate ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$).

Magnesium chloride, USP, is chemically designated magnesium chloride hexahydrate ($\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$).

Sodium chloride, USP, is chemically designated NaCl.

Potassium chloride, USP, is chemically designated KCl.

Sodium bicarbonate, USP, is chemically designated NaHCO_3 .

Dextrose, USP, is chemically designated D-Glucose anhydrous ($\text{C}_6\text{H}_{12}\text{O}_6$) or D-Glucose monohydrate ($\text{C}_6\text{H}_{12}\text{O}_6 \cdot \text{H}_2\text{O}$).

Lactic acid, USP, is chemically designated $\text{CH}_3\text{CH}(\text{OH})\text{COOH}$.

Dibasic sodium phosphate, USP, is chemically designated as disodium hydrogen phosphate, dihydrate ($\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$)

Table 2 – Compartment Composition (Before Mixing)

	Compartment A (g/L)				Compartment B (g/L)			
	Calcium Chloride • 2H ₂ O	Magnesium Chloride • 6H ₂ O	Dextrose anhydrous (as monohydrate)	Lactic Acid	Sodium Chloride	Sodium bicarbonate	Potassium Chloride	Sodium Phosphate • 2H ₂ O
PRISMASOL SOLUTIONS								
BGK 0/2.5	3.68	3.05	20 (22)	5.40	6.46	3.09	0	0
BGK 4/2.5	3.68	3.05	20 (22)	5.40	6.46	3.09	0.314	0
BGK 2/3.5	5.15	2.03	20 (22)	5.40	6.46	3.09	0.157	0
BGK 2/0	0	2.03	20 (22)	5.40	6.46	3.09	0.157	0
B22GK 4/0	0	3.05	20 (22)	5.40	7.07	2.21	0.314	0
BK 0/0/1.2	0	2.44	0 (0)	5.40	6.46	3.09	0	0
BGK 4/0/1.2	0	2.44	20 (22)	5.40	6.46	3.09	0.314	0
PHOXILLUM SOLUTIONS								
BK 4/2.5	3.68	3.05	0 (0)	0	6.34	3.09	0.314	0.187
B22K 4/0	0	3.05	0 (0)	0	6.95	2.21	0.314	0.187

The pH of the final solution is in the range of 7.0 to 8.5.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

PRISMASOL and PHOXILLUM solutions are pharmacologically inactive. The electrolyte concentrations in the solutions are chosen to restore plasma levels to clinically desired concentrations or maintain plasma levels at the desired concentrations.

PRISMASOL and PHOXILLUM solutions are used as replacement solution to replace water and electrolytes removed during hemofiltration and hemodiafiltration. Bicarbonate (or precursor lactate) in the solution is used as an alkalinizing buffer to restore acid-base balance to a clinically desirable level.

12.3 Pharmacokinetics

The distribution of electrolytes, bicarbonate, and dextrose is determined by the patient's clinical condition, metabolic status, and residual renal function.

The elimination and replacement of water, electrolytes and buffer depend on the patient's electrolyte and acid-base balance, metabolic status, residual renal function and ongoing physiologic losses through intestinal, respiratory and cutaneous routes.

16 HOW SUPPLIED/STORAGE AND HANDLING

PRISMASOL and PHOXILLUM solutions are supplied in a two-compartment bag made of polyolefin. The 5000 mL bag is composed of a small compartment (250 mL) and a large compartment (4750 mL). The two compartments are separated by a peel seal.

The bag is overwrapped with a transparent overwrap. See **Table 2** for the concentrations of the active ingredients in each compartment for each product [see *Description (11)*].

Container	Fill Volume	NDC	
PRISMASOL Solutions			
PRISMASOL BGK0/2.5	5000 mL	24571-108-06	
PRISMASOL BGK4/2.5	5000 mL	24571-105-06	
PRISMASOL BGK2/3.5	5000 mL	24571-103-06	
PRISMASOL BGK2/0	5000 mL	24571-102-06	
PRISMASOL B22GK4/0	5000 mL	24571-111-06	
PRISMASOL BK0/0/1.2	5000 mL	24571-113-06	
PRISMASOL BGK4/0/1.2	5000 mL	24571-114-06	
PHOXILLUM Solutions			
PHOXILLUM BK4/2.5	5000 mL	24571-116-06	
PHOXILLUM B22K4/0	5000 mL	24571-117-06	

Not all formulations may be marketed.

Storage conditions

Store at 20°C to 25°C (68°F to 77°F); excursions permitted to 15°C to 30°C (59°F to 86°F). *[See USP Controlled Room Temperature]*

Do not freeze or expose to excessive heat. Do not use if precipitate has formed or if container seals have been damaged.

Manufactured for:
Baxter Healthcare Corporation
One Baxter Parkway
Deerfield, Illinois 60015

07-19-00-0408

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Signature		☐ Excluding bar code dimensions
Date		☐ U.S. English
		☐ Other Language:
Printed Name		☐ Excluding dimensions
Signature		☐ Excluding bar code dimensions
Date		☐ U.S. English
		☐ Other Language:

Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-113-06

0K⁺
mEq/L

0Ca²⁺
mEq/L

Rx only



PrismaSol BK0/0/1.2

Replacement Solution for Continuous Renal Replacement Therapy

Before reconstitution each 1000 mL contains (g)	A	B
Magnesium chloride • 6 H ₂ O	2.44	
Sodium chloride		6.46
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs, Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B							
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium Dextrose K ⁺
mmol/L	0	0.6	140	106.2	3.0	32	0
mEq/L	0	1.2	140	106.2	3.0	32	0 (0 mg/dL)
Theoretical osmolarity: 282 mOsm/L				pH: 7.0 – 8.5			

Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]	Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.
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5000 mL



EAN-14: 07332414091309 Product No: 110239
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0109

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Signature		☐ Excluding bar code dimensions
Date		☐ U.S. English
		☐ Other Language:

Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-108-06

0K⁺
mEq/L

2.5Ca²⁺
mEq/L

Rx only



PrismaSol BGK0/2.5

Replacement Solution for Continuous Renal Replacement Therapy

Before reconstitution each 1000 mL contains (g)	A	B
Calcium chloride • 2 H ₂ O	3.68	
Magnesium chloride • 6 H ₂ O	3.05	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		6.46
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs, Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B							
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium Dextrose K ⁺
mmol/L	1.25	0.75	140	109.0	3.0	32	0 5.5
mEq/L	2.5	1.5	140	109.0	3.0	32	0 (100 mg/dL)
Theoretical osmolality: 292 mOsm/L				pH: 7.0 – 8.5			

Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]	Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.
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5000 mL



EAN-14: 07332414091613 Product No: 110240
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0110

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Signature		
Date		
Printed Name		☐ Excluding dimensions ☐ Excluding bar code dimensions ☐ U.S. English ☐ Other Language:
Signature		
Date		

Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-114-06

4K⁺
mEq/L

0Ca²⁺
mEq/L

Rx only

Replacement Solution for Continuous Renal Replacement Therapy



Before reconstitution each 1000 mL contains (g)	A	B
Magnesium chloride • 6 H ₂ O	2.44	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		6.46
Potassium chloride		0.314
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs, Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B							
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium Dextrose K ⁺
mmol/L	0	0.6	140	110.2	3.0	32	4.0 5.5
mEq/L	0	1.2	140	110.2	3.0	32	4.0 (100 mg/dL)
Theoretical osmolality: 295 mOsm/L				pH: 7.0 – 8.5			

Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]	Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.
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5000 mL



EAN-14: 07332414091620 Product No: 110241
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0111

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Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-105-06

4K⁺
mEq/L

2.5Ca²⁺
mEq/L

Rx only



PrismaSol BGK4/2.5

Replacement Solution for Continuous Renal Replacement Therapy

Before reconstitution each 1000 mL contains (g)	A	B
Calcium chloride • 2 H ₂ O	3.68	
Magnesium chloride • 6 H ₂ O	3.05	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		6.46
Potassium chloride		0.314
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs, Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B								
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium K ⁺	Dextrose
mmol/L	1.25	0.75	140	113.0	3.0	32	4.0	5.5
mEq/L	2.5	1.5	140	113.0	3.0	32	4.0	(100 mg/dL)
Theoretical osmolality: 300 mOsm/L				pH: 7.0 – 8.5				

Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]	Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.
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5000 mL



EAN-14: 07332414091637 Product No: 110242
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0112

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Part Number: 07-25-00-0113	Date: 02-JUL-2018	Proofread No.: 1
Designer: T. HOOKER	Page: 1 of 1	
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		☐ Other Language:

Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-103-06

2K⁺
mEq/L

3.5Ca²⁺
mEq/L

Rx only



PrismaSol BGK2/3.5

Replacement Solution for Continuous Renal Replacement Therapy

Before reconstitution each 1000 mL contains (g)	A	B
Calcium chloride • 2 H ₂ O	5.15	
Magnesium chloride • 6 H ₂ O	2.03	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		6.46
Potassium chloride		0.157
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs. Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B							
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium Dextrose K ⁺
mmol/L	1.75	0.5	140	111.5	3.0	32	2.0 5.5
mEq/L	3.5	1.0	140	111.5	3.0	32	2.0 (100 mg/dL)
Theoretical osmolarity: 296 mOsm/L				pH: 7.0 – 8.5			
Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]				Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.			

5000 mL



EAN-14: 07332414091644 Product No: 110243
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0113

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Part Number: 07-25-00-0114	Date: 02-JUL-2018	Proofread No.: 1
Designer: T. HOOKER	Page: 1 of 1	
Colour Reference:	BLACK	PMS 185 PMS 287

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		☐ Other Language:

Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-102-06

2K⁺
mEq/L

0Ca²⁺
mEq/L

Rx only

Replacement Solution for Continuous Renal Replacement Therapy



Before reconstitution each 1000 mL contains (g)	A	B
Magnesium chloride • 6 H ₂ O	2.03	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		6.46
Potassium chloride		0.157
Lactic acid	5.40	
Sodium bicarbonate		3.09
Water for injections qs, Carbon dioxide for pH adjustment		

A 250 mL
B 4750 mL

After reconstitution, A + B							
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium Dextrose K ⁺
mmol/L	0	0.5	140	108.0	3.0	32	2.0 5.5
mEq/L	0	1.0	140	108.0	3.0	32	2.0 (100 mg/dL)
Theoretical osmolarity: 291 mOsm/L				pH: 7.0 – 8.5			

Mix both compartments before use. See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UNUSED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]	Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.
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5000 mL



EAN-14: 07332414091651 Product No: 110244
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

07-25-00-0114

BAXTER CONFIDENTIAL - INTERNAL USE ONLY		
Part Number: 07-25-00-0115	Date: 02-JUL-2018	Proofread No.: 1
Designer: T. HOOKER	Page: 1 of 1	
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Mixing steps:

- 1 SQUEEZE TOP corners to break seal
- 2 Squeeze BAG SIDES to fully open seal



NDC# 24571-111-06

4K⁺
mEq/L

Bicarbonate 22

0Ca²⁺
mEq/L

Rx only



PrismaSol B22GK4/0

Replacement Solution for Continuous Renal Replacement Therapy

Before reconstitution each 1000 mL contains (g)	A	B
Magnesium chloride • 6 H ₂ O	3.05	
Dextrose anhydrous	20.0	
(as dextrose monohydrate)	22.0	
Sodium chloride		7.07
Potassium chloride		0.314
Lactic acid	5.40	
Sodium bicarbonate		2.21
Water for injections qs, Carbon dioxide for pH adjustment		

A
250 mL

B
4750 mL

After reconstitution, A + B								
	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Lactate C ₃ H ₅ O ₃ ⁻	Bicarbonate HCO ₃ ⁻	Potassium K ⁺	Dextrose
mmol/L	0	0.75	140	120.5	3.0	22	4.0	5.5
mEq/L	0	1.5	140	120.5	3.0	22	4.0	(100 mg/dL)
Theoretical osmolarity: 296 mOsm/L				pH: 7.0 – 8.5				

Mix both compartments before use.
See package insert for dosage information and further instructions.
Sterile and free from bacterial endotoxins.
Confirm the integrity of the packaging. Use only if solution is clear. For single use only.
DISCARD ANY UNUSED SOLUTION.
Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled room Temperature.]

Do not freeze or expose to excessive heat.
As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex.

5000 mL

GAMBRO®

EAN-14: 07332414116781 Product No: 115001
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

REPLACEMENT Solution for Continuous Renal Replacement Therapy

07-25-00-0115

BAXTER CONFIDENTIAL - INTERNAL USE ONLY		
Part Number: 07-25-00-0107	Date: 28-JUN-2018	Proofread No.: 1
Designer: T. HOOKER	Page: 1 of 1	
Colour Reference: BLACK PMS 281C PMS 386C DIeline		

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Printed Name	
Signature	Date

Check as applicable
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Mixing steps

- 1** SQUEEZE TOP corners to break seal
- 2** Squeeze **BAG SIDES** to fully open seal

Compartment
B



NDC# 24571-116-06

4 K⁺ **1 Phosphate** **2.5 Ca²⁺**
mEq/L mmol/L mEq/L

Phoxillum BK4/2.5

Replacement Solution for Continuous Renal Replacement Therapy



Before reconstitution, each 1000 mL contains (g):	A	B
Calcium chloride • 2H ₂ O	3.68	
Magnesium chloride • 6H ₂ O	3.05	
Sodium chloride		6.34
Potassium chloride		0.314
Sodium bicarbonate		3.09
Dibasic sodium phosphate • 2H ₂ O		0.187
Water for injections q.s		

Rx only

A
250 mL
B
4750 mL

After reconstitution, A + B	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Bicarbonate HCO ₃ ⁻	Potassium K ⁺	Phosphate HPO ₄ ²⁻	Dextrose
mmol/L	1.25	0.75	140	114.5	32	4.0	1	0
mEq/L	2.5	1.5	140	114.5	32	4.0	(1 mmol/L)	(0 mg/dL)

Theoretical osmolality: 294 mOsm/L pH: 7.0 – 8.5

Mix both compartments before use.

See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UN-USED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled Room Temperature]. Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex. Carbon dioxide and diluted hydrochloric acid added for pH adjustment.

5000 mL



EAN-14: 07332414116040
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

Product# 114905

07-25-00-0107

REPLACEMENT
Solution for Continuous Renal Replacement Therapy

BAXTER CONFIDENTIAL - INTERNAL USE ONLY		
Part Number: 07-25-00-0108	Date: 28-JUN-2018	Proofread No.: 1
Designer: T.HOOKER	Page: 1 of 1	
Colour Reference:	BLACK	PMS 281C PMS 356C DIE LINE

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Signature	Date	☐ Excluding bar code dimensions	Signature	Date	☐ Excluding bar code dimensions
		☐ U.S. English			☐ U.S. English
		☐ Other Language:			☐ Other Language:

Mixing steps

- 1** SQUEEZE TOP corners to break seal
- 2** Squeeze **BAG SIDES** to fully open seal

Compartment

B



NDC# 24571-117-06

4 K ⁺	0 Ca ²⁺	22 Bicarbonate	1 Phosphate
mEq/L	mEq/L	mEq/L	mmol/L

Phoxillum B22K4/0

Replacement Solution for Continuous Renal Replacement Therapy



Before reconstitution, each 1000 mL contains (g):	A	B
Magnesium chloride • 6H ₂ O	3.05	
Sodium chloride		6.95
Potassium chloride		0.314
Sodium bicarbonate		2.21
Dibasic sodium phosphate • 2H ₂ O		0.187
Water for injections q.s		

Rx only

A
250 mL
B
4750 mL

After reconstitution, A + B

	Calcium Ca ²⁺	Magnesium Mg ²⁺	Sodium Na ⁺	Chloride Cl ⁻	Bicarbonate HCO ₃ ⁻	Potassium K ⁺	Phosphate HPO ₄ ²⁻	Dextrose
mmol/L	0	0.75	140	122.0	22	4.0	1	0
mEq/L	0	1.5	140	122.0	22	4.0	(1 mmol/L)	(0 mg/dL)
Theoretical osmolality:	290 mOsm/L		pH: 7.0 – 8.5					

Mix both compartments before use.

See package insert for dosage information and further instructions. Sterile and free from bacterial endotoxins. Confirm the integrity of the packaging. Use only if solution is clear. For single use only. DISCARD ANY UN-USED SOLUTION. Store at +20°C to +25°C (+68°F to +77°F); excursions permitted to +15°C to +30°C (+59°F to +86°F). [See USP Controlled Room Temperature]. Do not freeze or expose to excessive heat. As soon as the overwrap is removed, the reconstitution of compartments A and B should be done and the reconstituted solution should be used immediately. After removal of the overwrap, the solution is stable for 24 hours including the duration of the treatment. Mix additives BEFORE connecting this bag to the extracorporeal circuit. (See insert for further information.) This product is not made with natural rubber latex. Carbon dioxide and diluted hydrochloric acid added for pH adjustment.

5000 mL



EAN-14: 07332414116057
Batch No. and expiry date are printed on the back of the bag.
Manufactured for:
Baxter Healthcare Corporation
Deerfield IL 60015 USA
Made in Italy

Product# **114906**

07-25-00-0108

REPLACEMENT
Solution for Continuous Renal Replacement Therapy